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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
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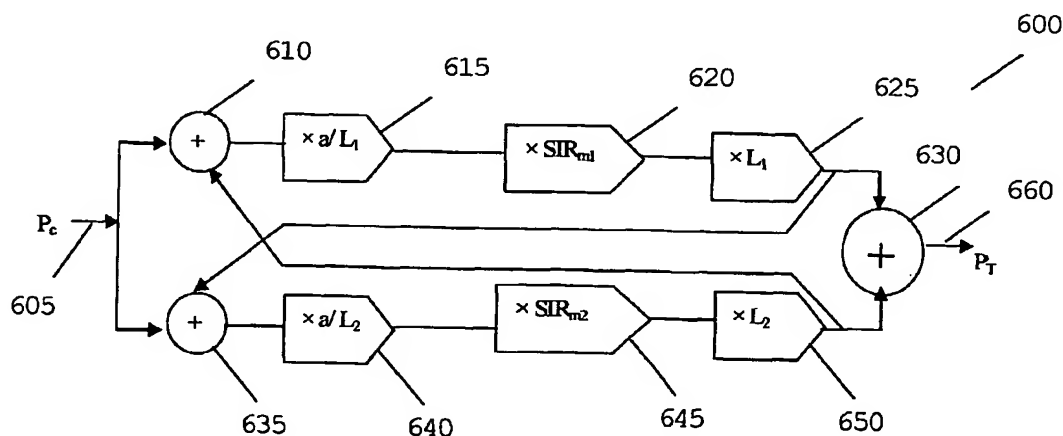
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(54) Title: COMMUNICATION NETWORK AND METHOD FOR SIMULATING OR DESIGNING THEREOF



(57) Abstract: A method (800) of simulating or designing a communication network supporting communication between a plurality of communication units. The method comprises the step of employing (855, 860) a simulation tool (300) to resolve a mathematical formula relating to an operation of the communication network. The method further comprises the step of resolving one or more iterative mathematical formula in hardware within a hardware platform (320) of the simulation tool (300). In this manner, a time taken for a Network Operator to simulate, design or optimise a communication network or study the dynamic behaviour of the communication network is significantly reduced.

INTERNATIONAL SEARCH REPORT

Intern Application No
PCT 03/05589A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 710 758 A (REYNOLDS SHEILA M ET AL) 20 January 1998 (1998-01-20) abstract; figures 8,11-15 column 7, line 3 - line 32 column 11, line 1 - line 34 column 12, line 17 - line 67 column 21, line 63 - column 22, line 19 -----	1,16, 30-32
X	WO 93/15591 A (NOKIA TELECOMMUNICATIONS OY) 5 August 1993 (1993-08-05) abstract; claims 1-4,6,7; figures 1-4 -----	1-32
X	WO 01/45284 A (VERIZON LAB INC) 21 June 2001 (2001-06-21) abstract; claims 1-3; figures 7-8b page 7, line 11 - line 15 page 9, line 1 - line 23 page 22, line 5 - page 23, line 22 ----- -/--	1,16, 30-32

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 385 183 B1 (TAKEO KOHJI) 7 May 2002 (2002-05-07) abstract; figures 17,18,22 column 21, line 16 - column 22, line 27 column 24, line 23 - line 42</p> <p style="text-align: center;">-----</p>	<p>1,16, 30-32</p>
Y	<p>DEGHAN S ET AL: "W-CDMA CAPACITY AND PLANNING ISSUES" ELECTRONICS AND COMMUNICATION ENGINEERING JOURNAL, INSTITUTION OF ELECTRICAL ENGINEERS, LONDON, GB, vol. 12, no. 3, June 2000 (2000-06), pages 101-118, XP001096740 ISSN: 0954-0695 page 106, paragraph 3 - page 107, last line page 110, paragraph 5 - page 112, last line</p> <p style="text-align: center;">-----</p>	<p>1-32</p>
Y	<p>MENOLASCINO R ET AL: "STORMS: Software Tools for the Optimisation of Resources in Mobile Systems" AC016 STORMS PROJECT, April 1999 (1999-04), XP002256554 the whole document</p> <p style="text-align: center;">-----</p>	<p>1-32</p>

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